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No. 2050.
July 11 - Aug. 2, 1892.

SMITT: SCANDINAVIAN FISHES

A HISTORY OF
SCANDINAVIAN FISHES

BY

B. FRIES, C. U. EKSTRÖM, AND C. SUNDEVALL

WITH PLATES

BY

W. VON WRIGHT

SECOND EDITION

REVISED AND COMPLETED BY

F. A. SMITT

PLATES

PART I



MCZ
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STOCKHOLM 1892

KUNGL. BOKTRYCKERIET. P. A. NORSTEDT & SÖNER

SCANDINAVIAN FISHES

SECOND EDITION



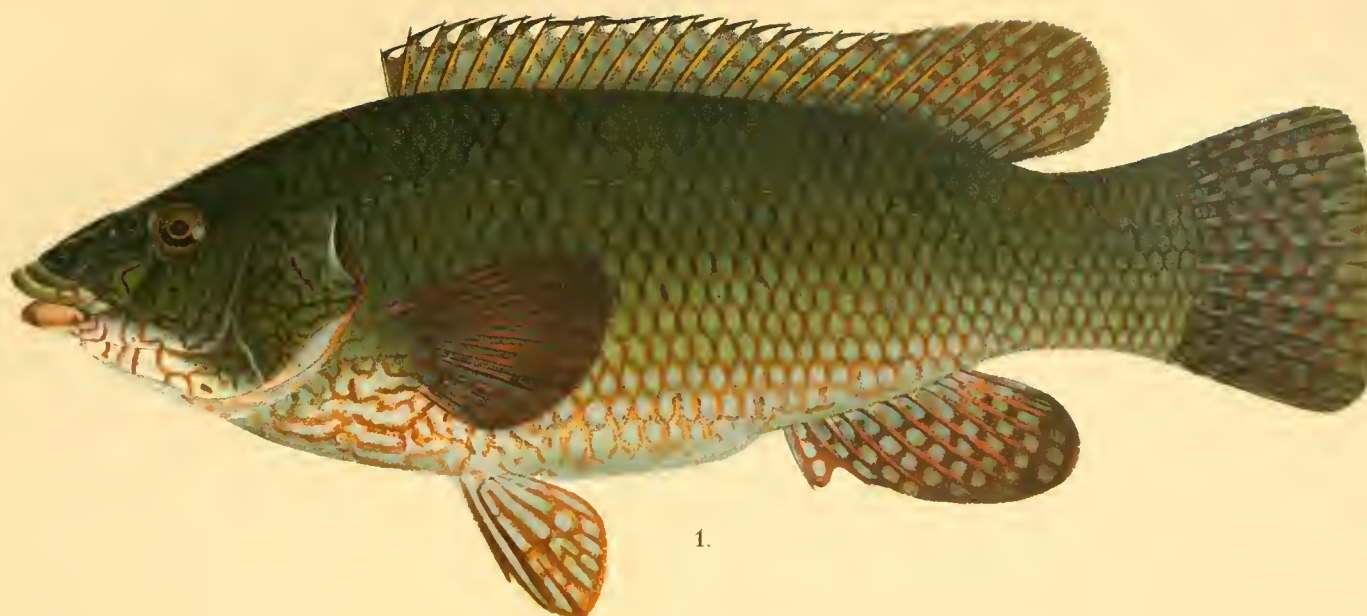
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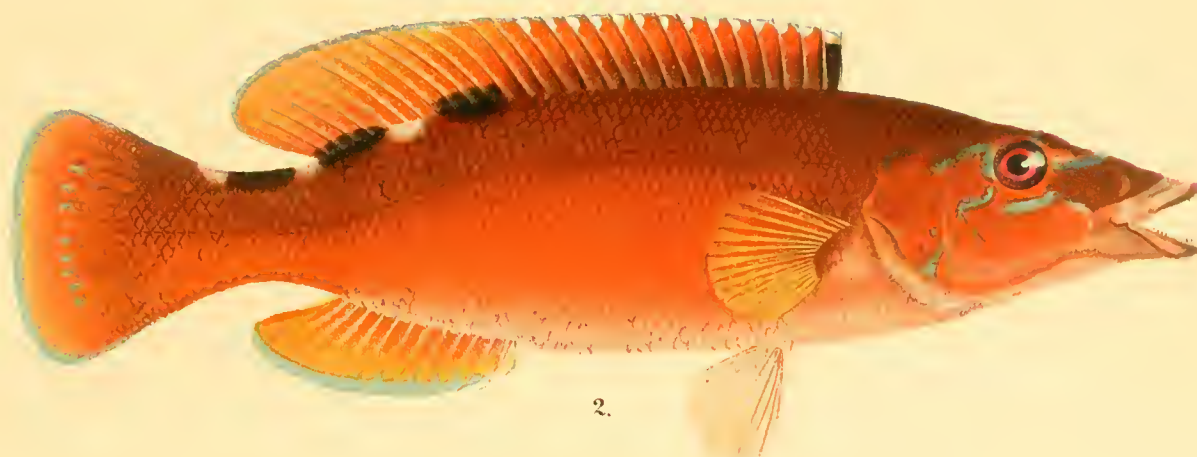
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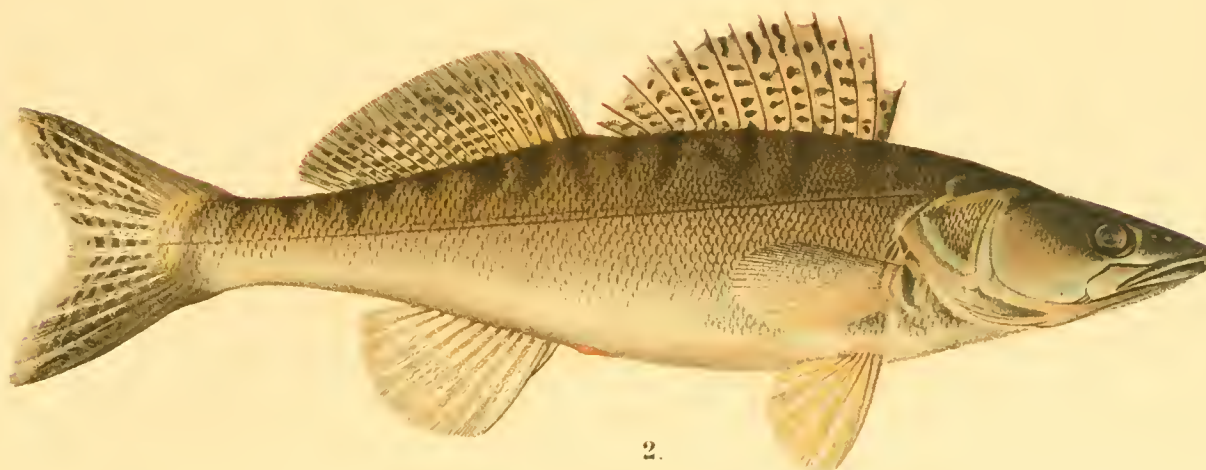
1. Labrus berggylta; 2. Labrus rupestris; 3. Labrus exoletus.

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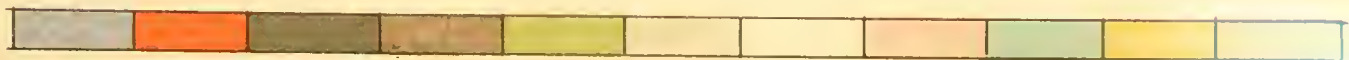


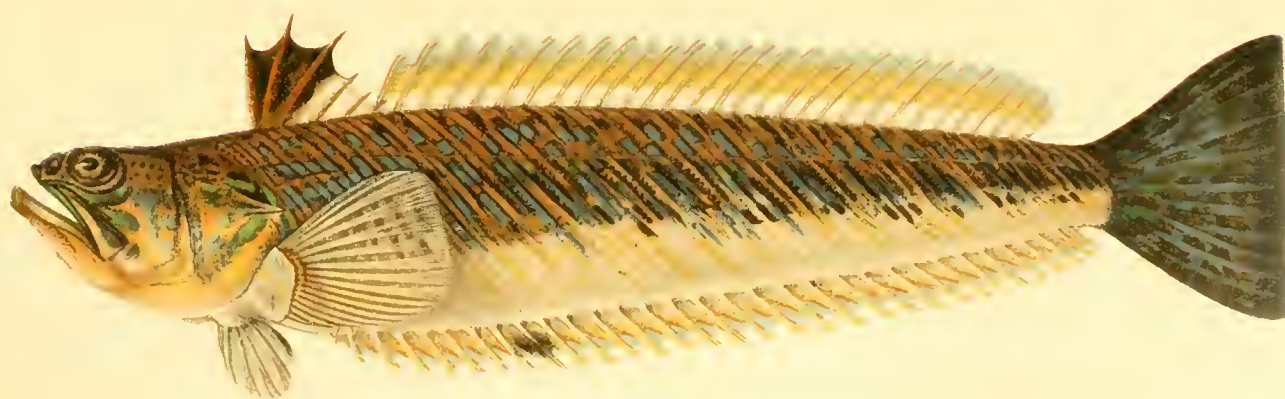
1 et 2: Labrus mixtus, 1-♂, 2-♀; 3: Labrus melops.

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1. *Perca fluviatilis*; 2. *Stizostedium lucioperca*; 3. *Acerina cernua*



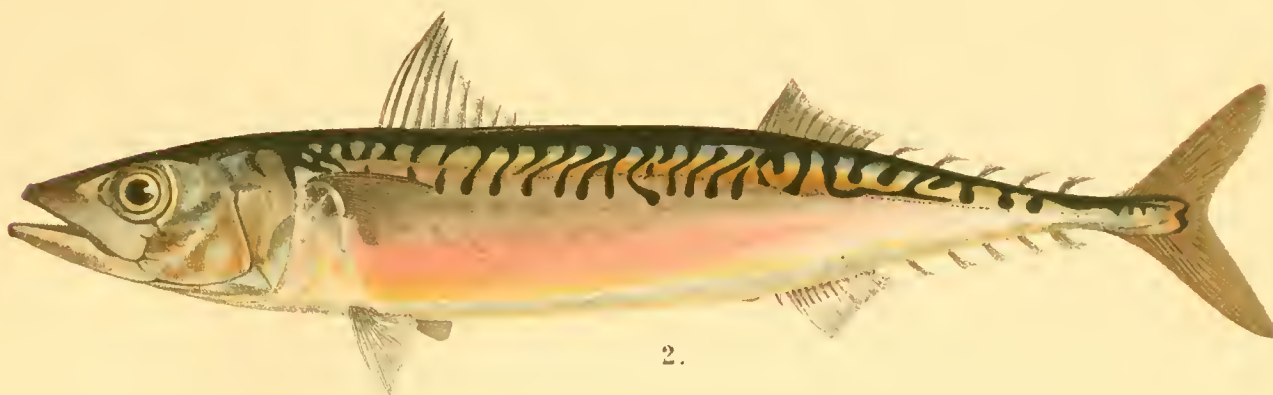


1: *Mullus barbatus*, 2: *Sebastes marinus*, 3: *Trachinus draco*

Fig 1 C Erdmann pinx
2 et 3 WvWright pinx



1.



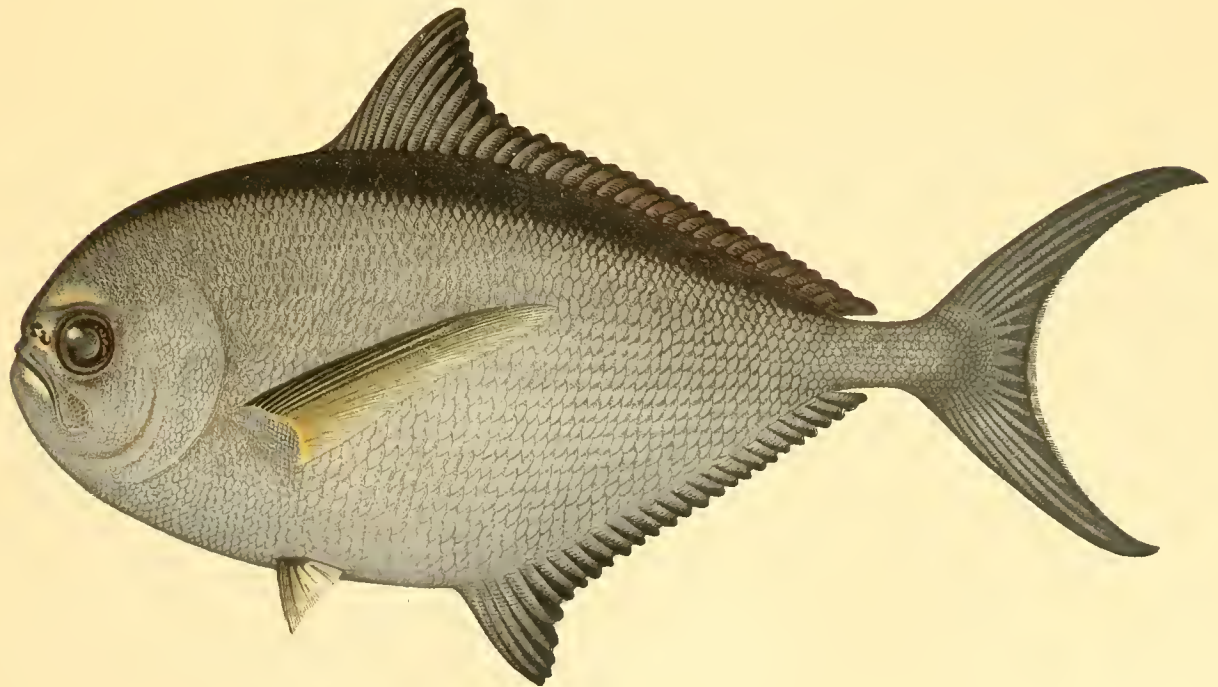
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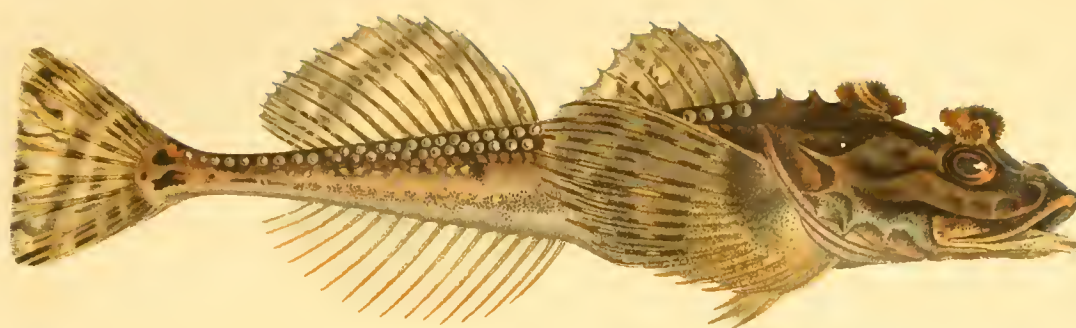
1: *Agonus cataphractus*; 2: *Scomber scombrus*; 3: *Caranx trachurus*.

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1: *Brama Rali*, 2: *Cottus quadricornis*, ♀.





1.

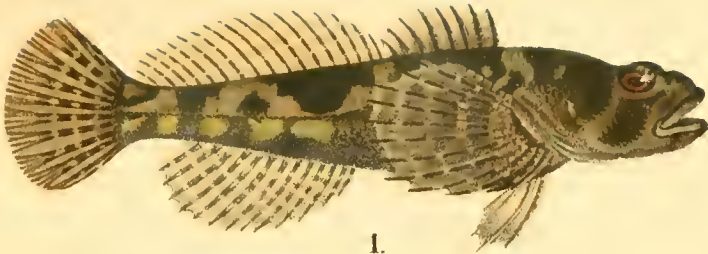


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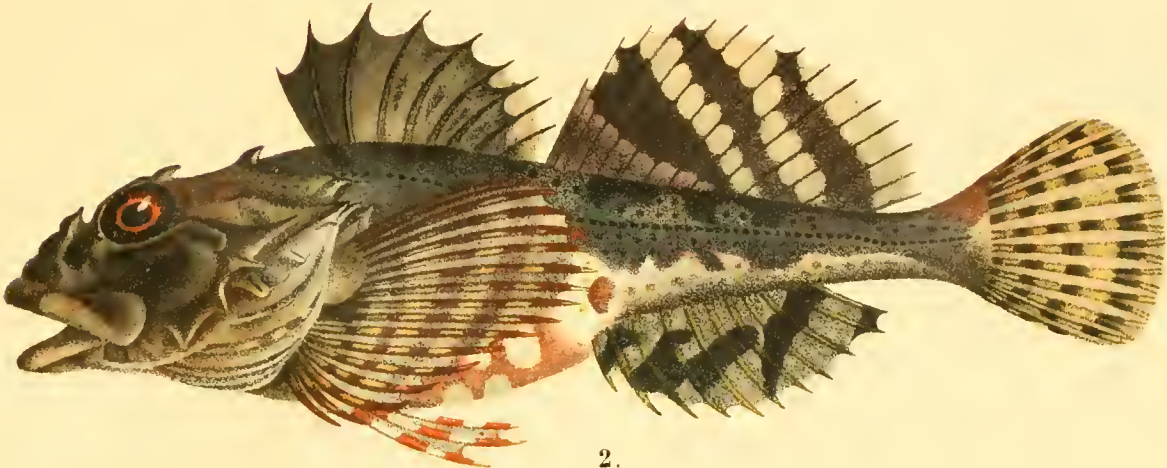


3.

1: *Cottus quadricornis*; 2 et 3: *Cottus bubalis*, 2 = ♂, 3 = ♀.



1.



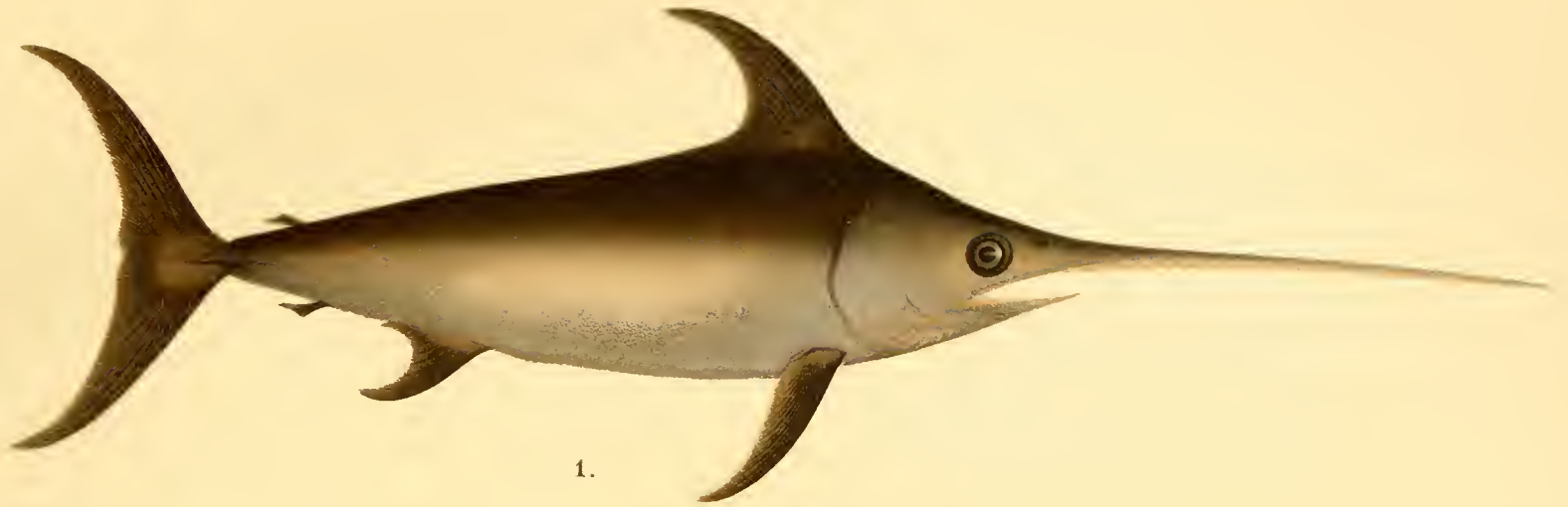
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1: Cottus gobio; 2 et 3: Cottus scorpius, 2-♂, 3-♀

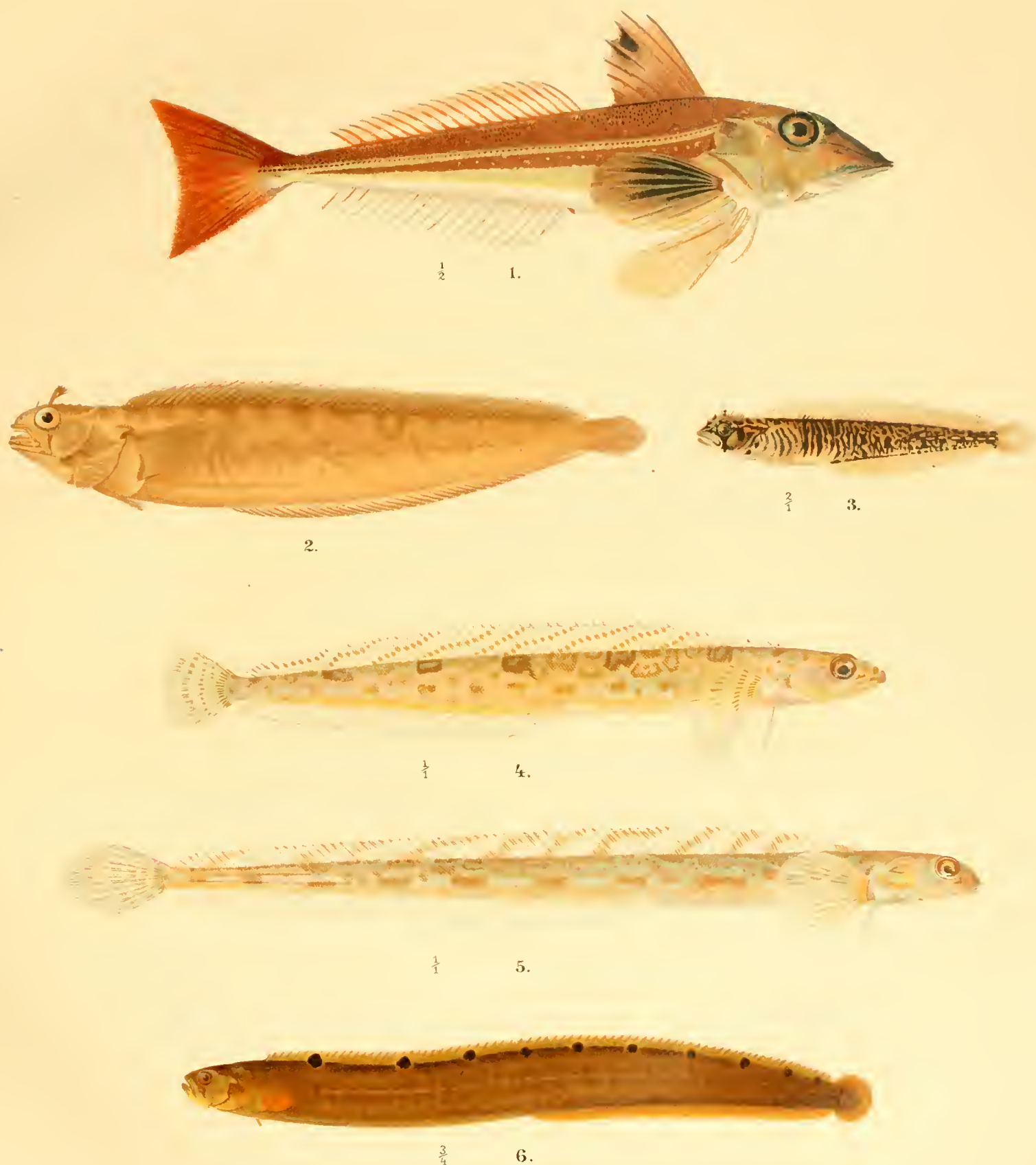
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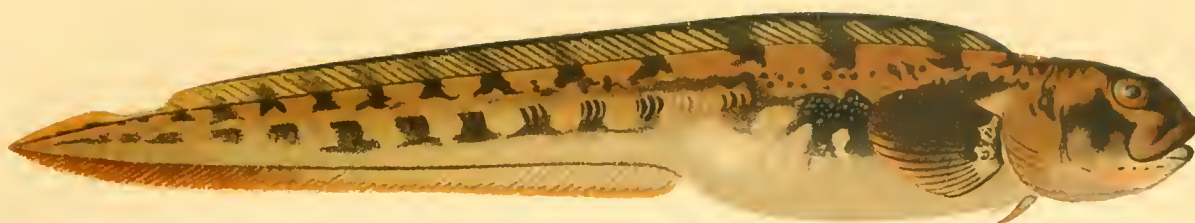
1: Xiphias gladius; 2: Zeus faber.



1: *Batrachus didactylus*; 2: *Lophius piscatorius*; 3: *Antennarius histrio*.



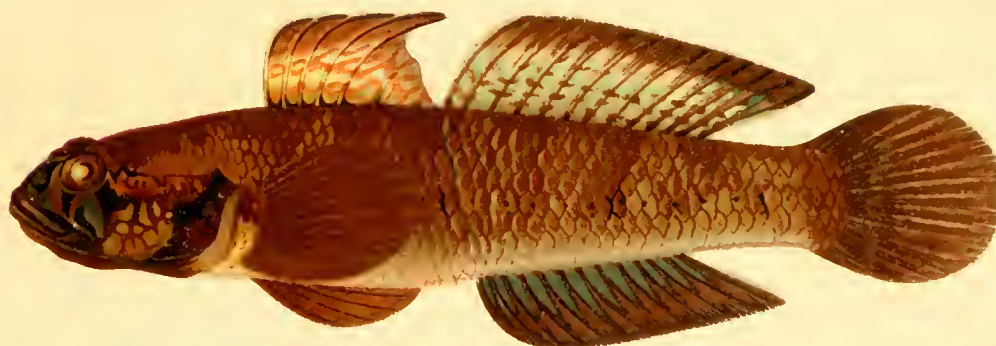
1. *Trigla gurnardus*; 2 et 3: *Chirolophis galerita*; 4: *Lumpenus maculatus*,
5: *Lumpenus lampretiformis*; 6: *Pholis gunellus*.



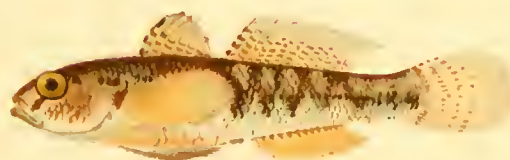
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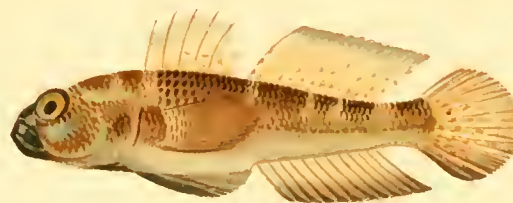
$\frac{1}{4}$ 2.



$\frac{1}{2}$ 3.



5. $\frac{1}{2}$ juv.



4. $\frac{1}{2}$ ♂

1: *Enchelyopus viviparus*, 2: *Aurarchichthys lupus*, 3-5: *Gobius niger*.

Fig 1-4 W & Wright pinx, fig 5 Thornam (apud Malm). pinx



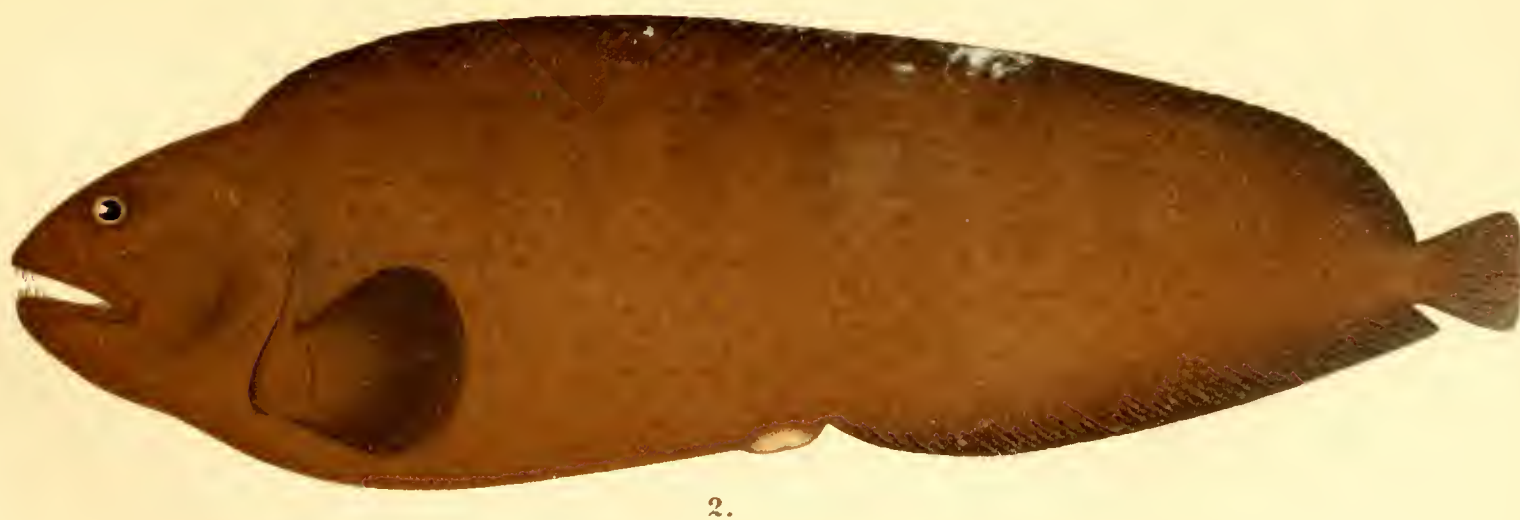
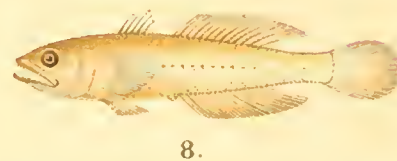
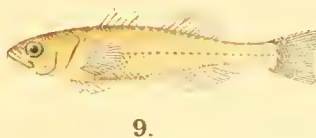
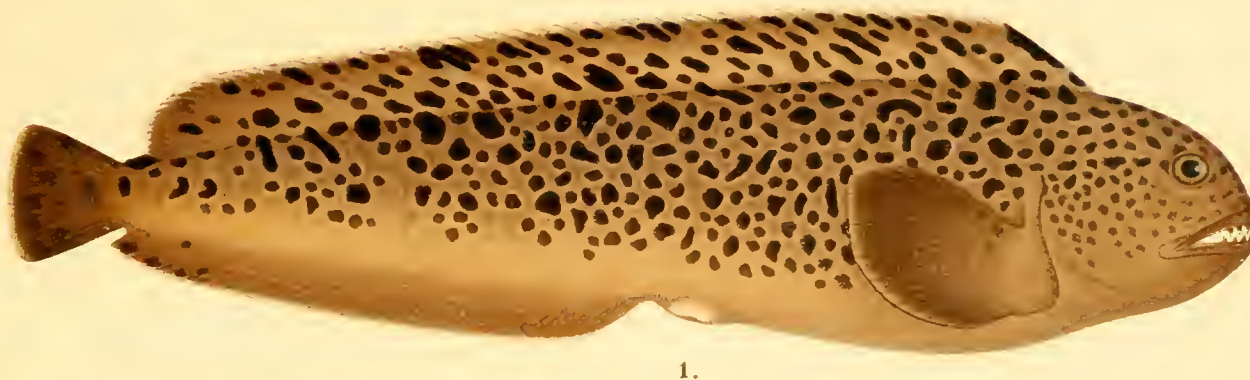
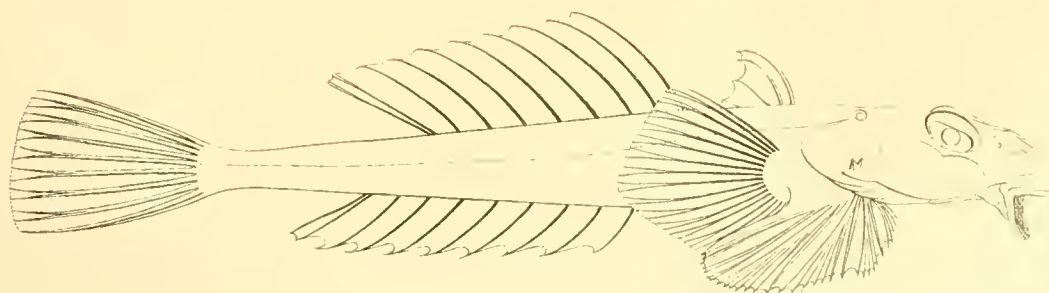
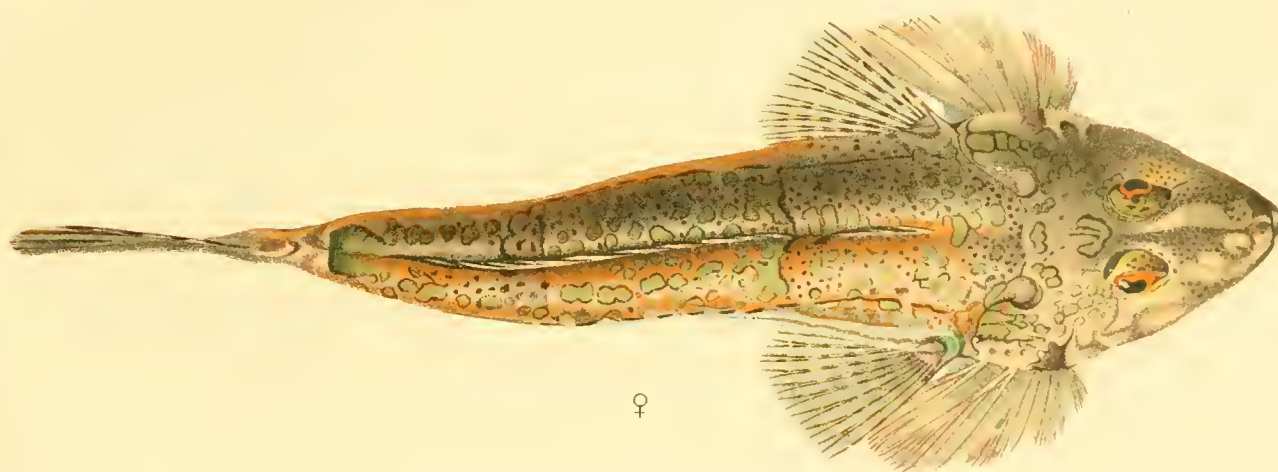
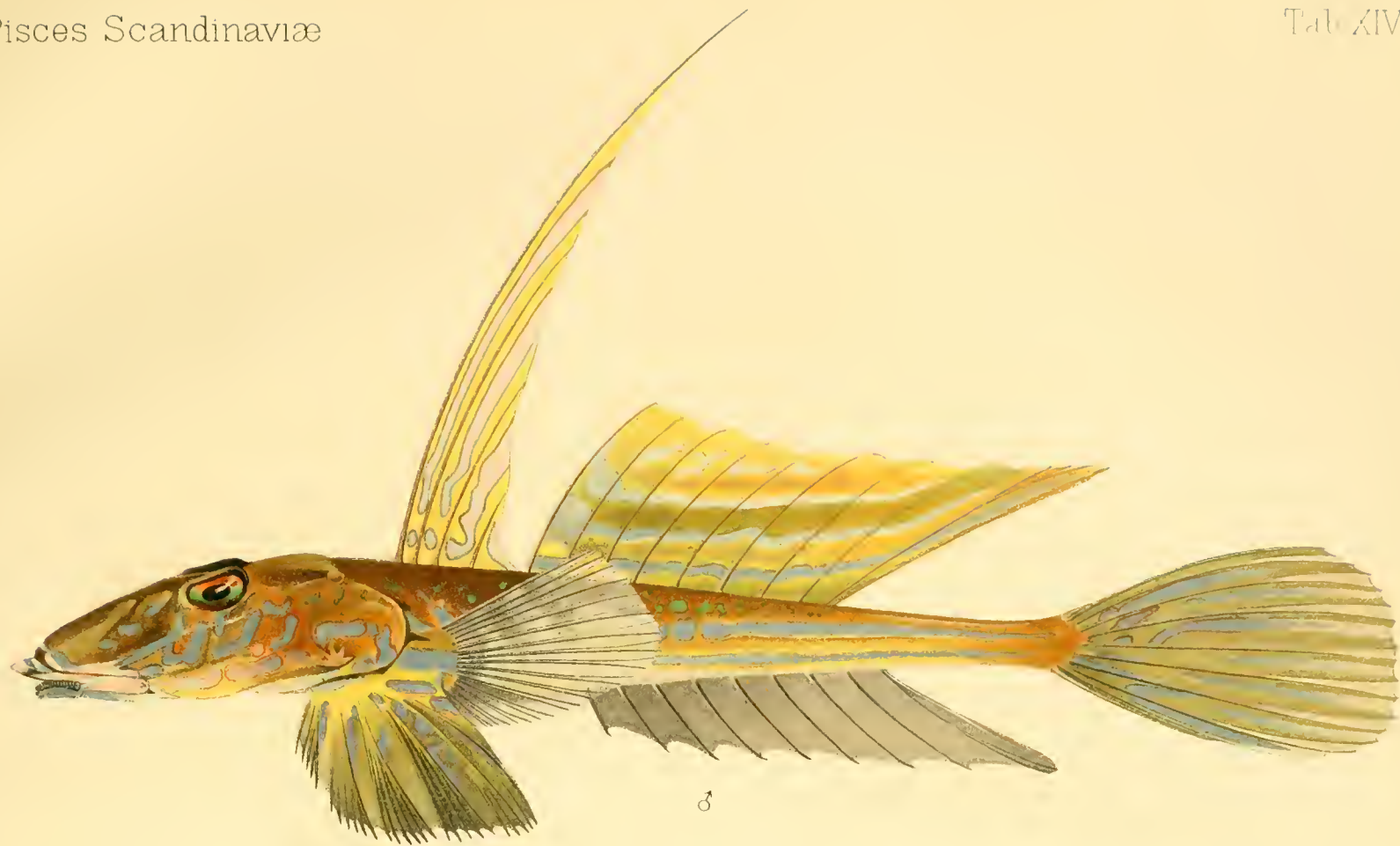
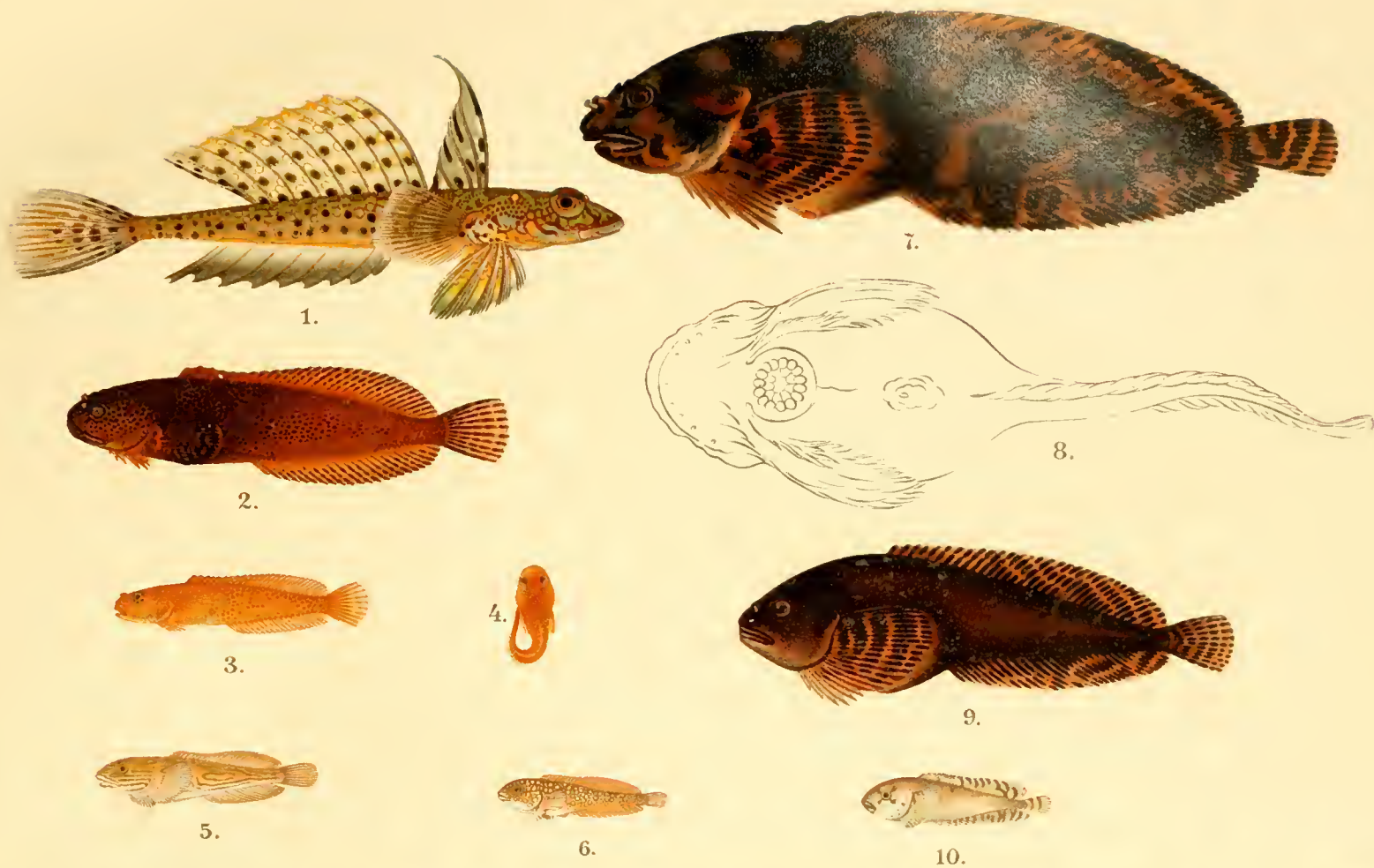


Fig. 1: *Anarrhichas minor*; 2: *Anarrh. latifrons*; 3 et 4: *Gobius flavescens*; 5: *Gob. microps*; 6: *Gob. pictus*; 7: *Gob. minutus*; 8 et 9: *Aphya minuta*.

Fig 1 et 2 C Erdmann pinx, 3 W v Wright pinx, 4-9 Thornam apud Malm pinx



Callionymus lyra.



11.

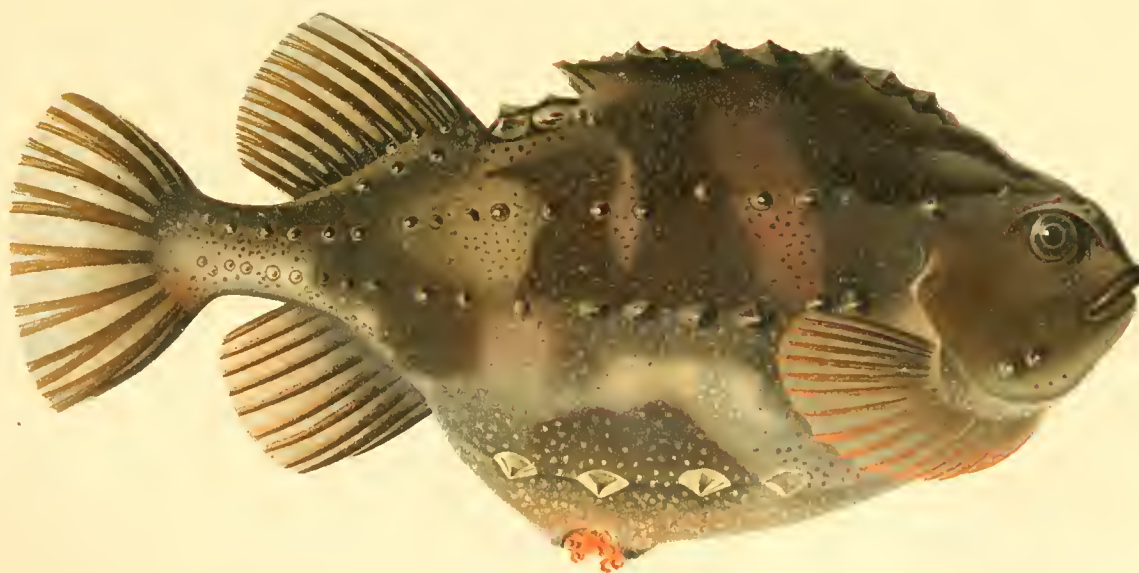
Fig 1: *Callionymus maculatus*; 2-6: *Cyclogaster Montagu*; 7-10: *Cycl. liparis*; 11: *Mugil chelo*.



♂

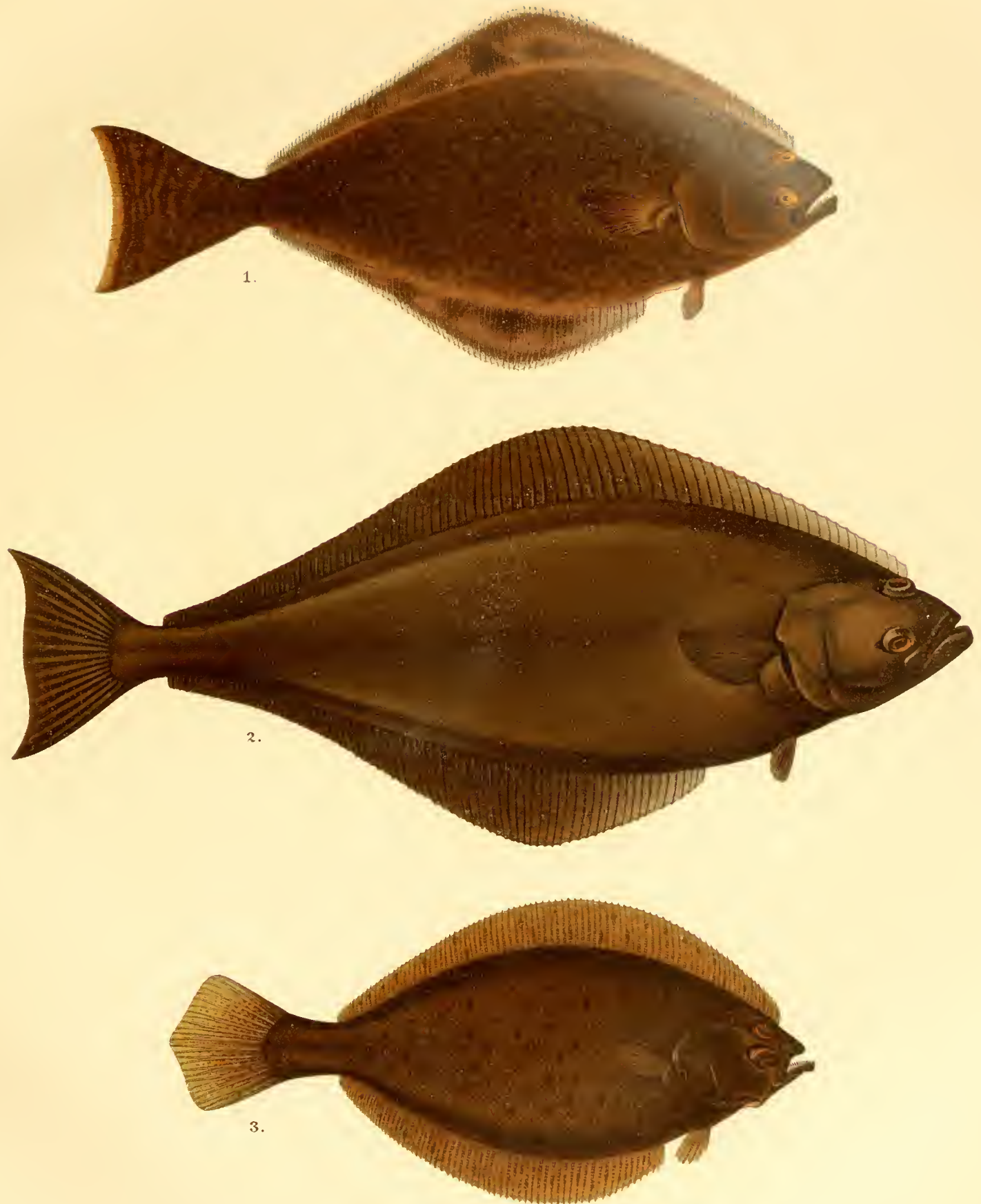


juv.

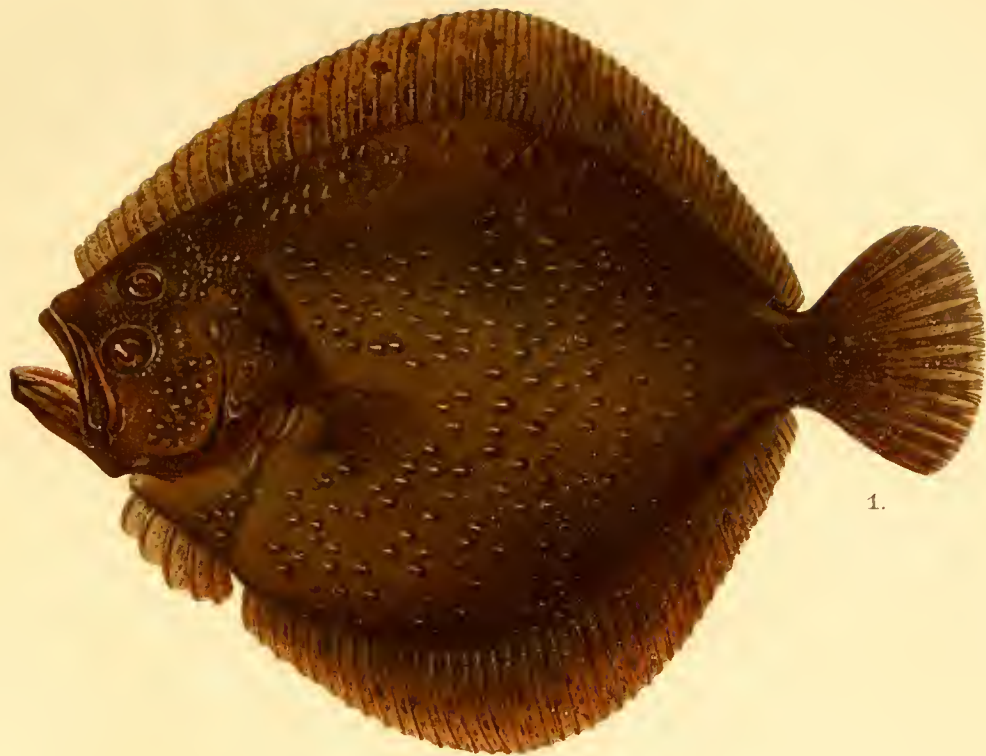


♀

Cyclopterus lumpus.



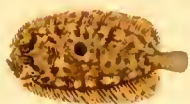
1 et 2: *Hippoglossus vulgaris*, juv. et sen.; 3: *Drepanopsetta plattessoides*.



1: Bothus maximus; 2: Bothus rhombus.



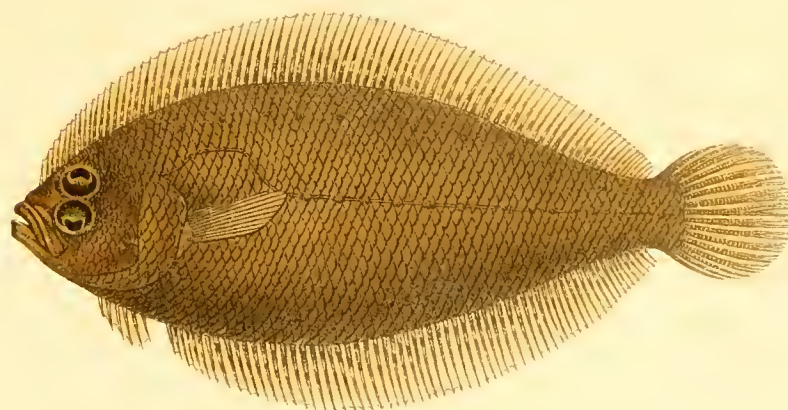
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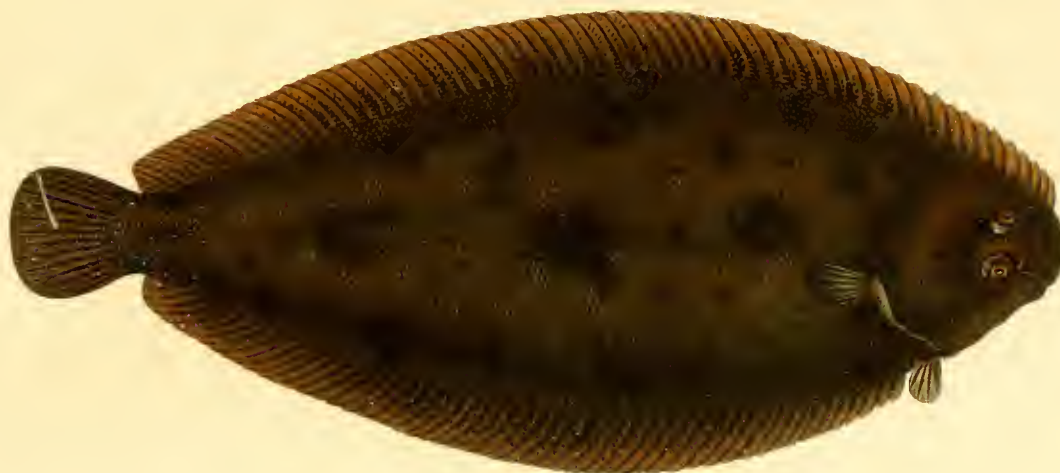


4.

1: *Scophthalmus norvegicus*; 2: *Zeugopterus punctatus* juv.
3: *Pleuronectes cynoglossus*; 4: *Arnoglossus laterna*.



1.



2.



3.

1: *Pleuronectes microcephalus*, 2: *Solea vulgaris*, 3: *Pleuronectes limanda*.



1.

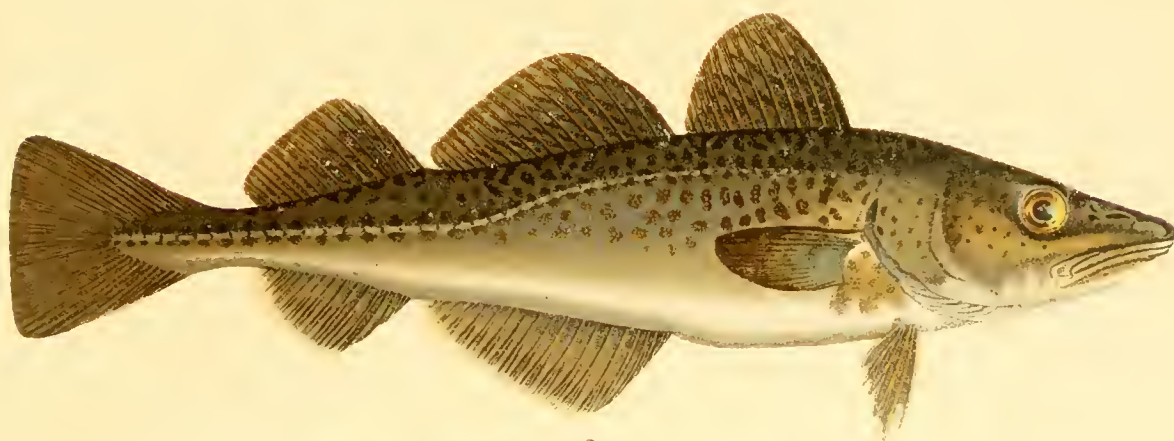


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1: Pleuronectes flesus; 2: Pleuronectes platessa.



1.



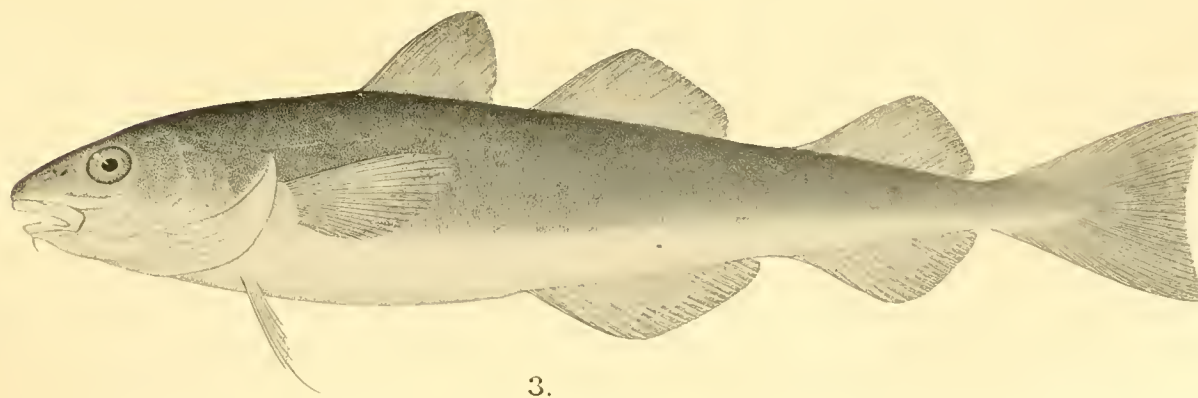
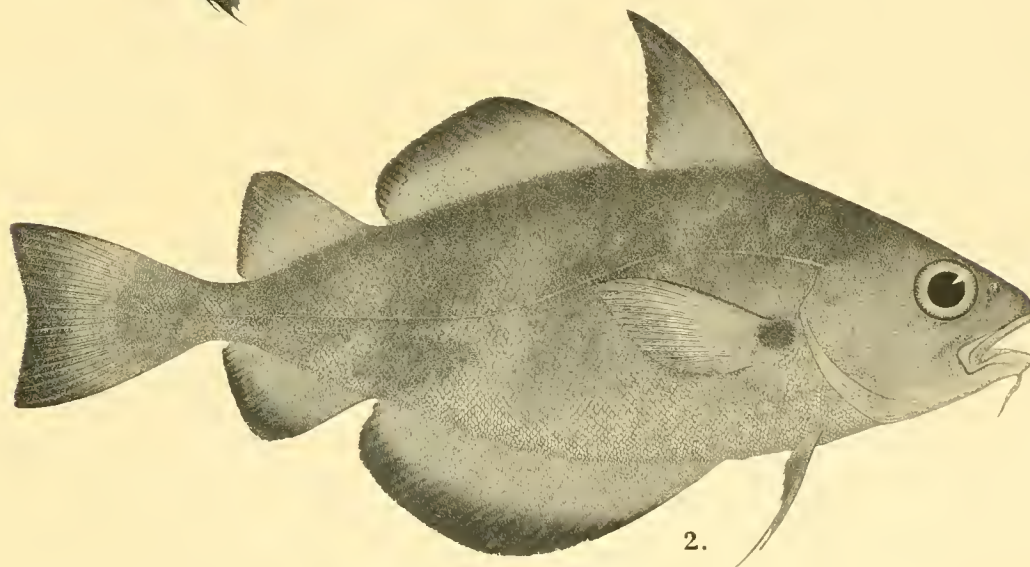
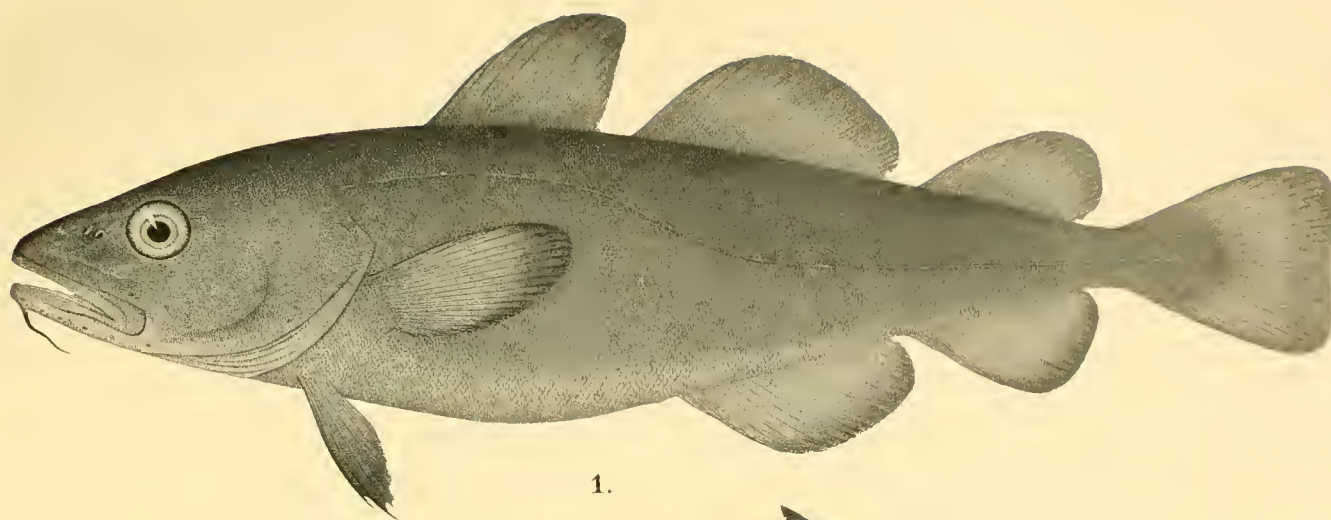
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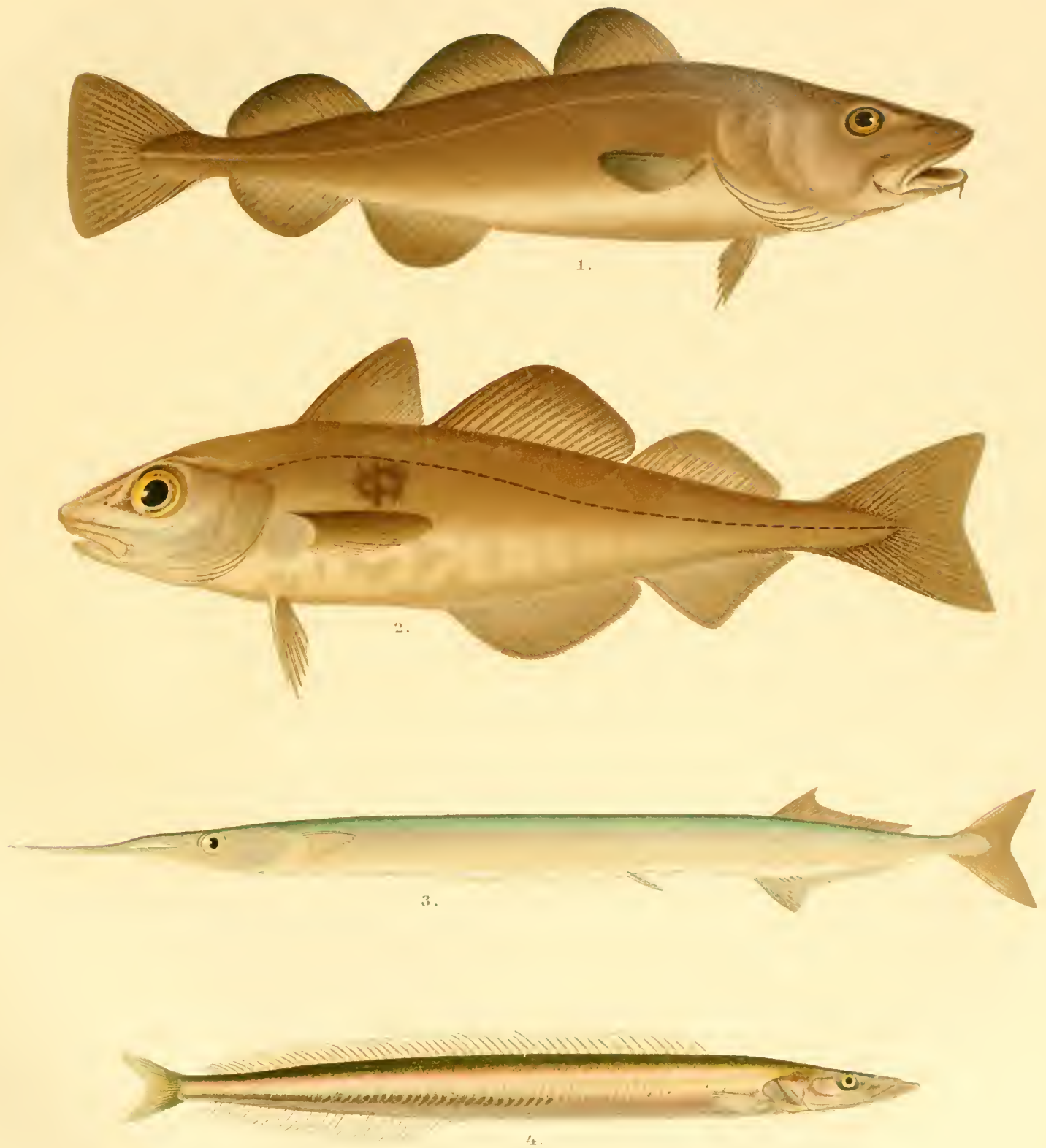
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1: *Gadus æglefinus*, 2 et 3: *Gadus callarias*.

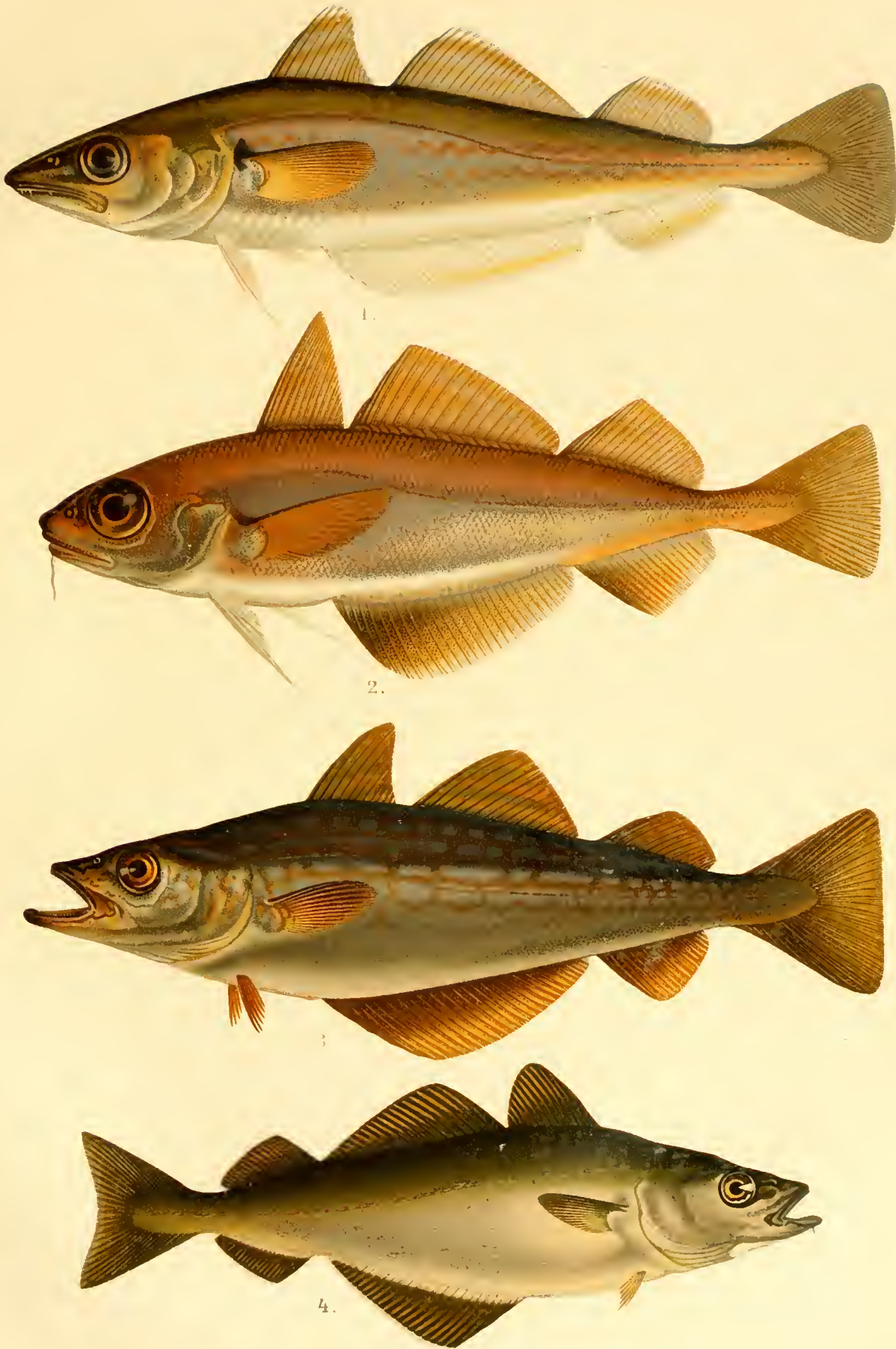




1: Gadus ogac; 2: G. luscus; 3: G. gracilis.



1: *Gadus callarias*; 2: *Gadus æglefinus*; 3: *Rhamphistoma belone*; 4: *Ammodytes lanceolatus*

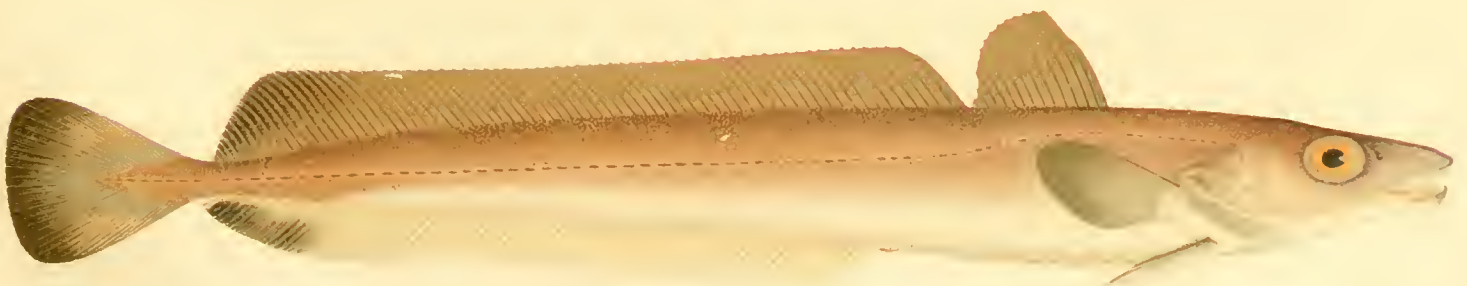
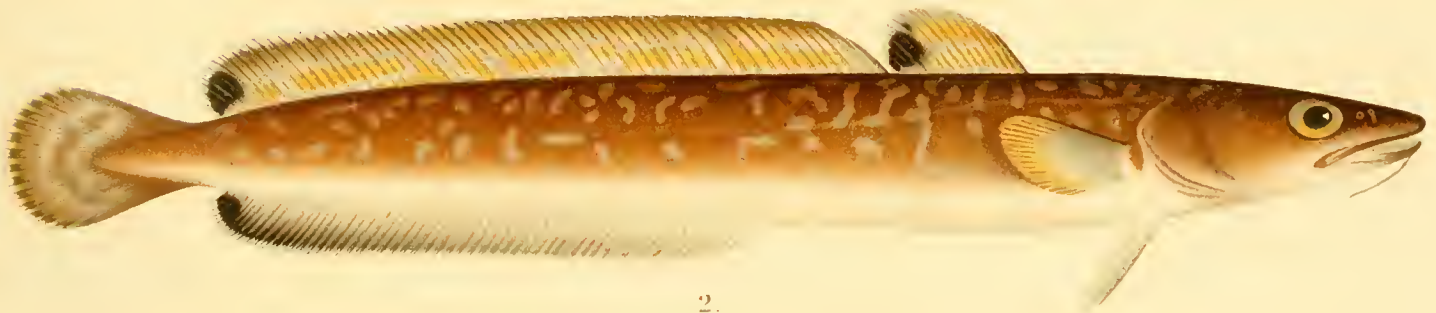


1: Gadus merlangus, 2: G. minutus, 3: G. pollachius 4: G. virens.

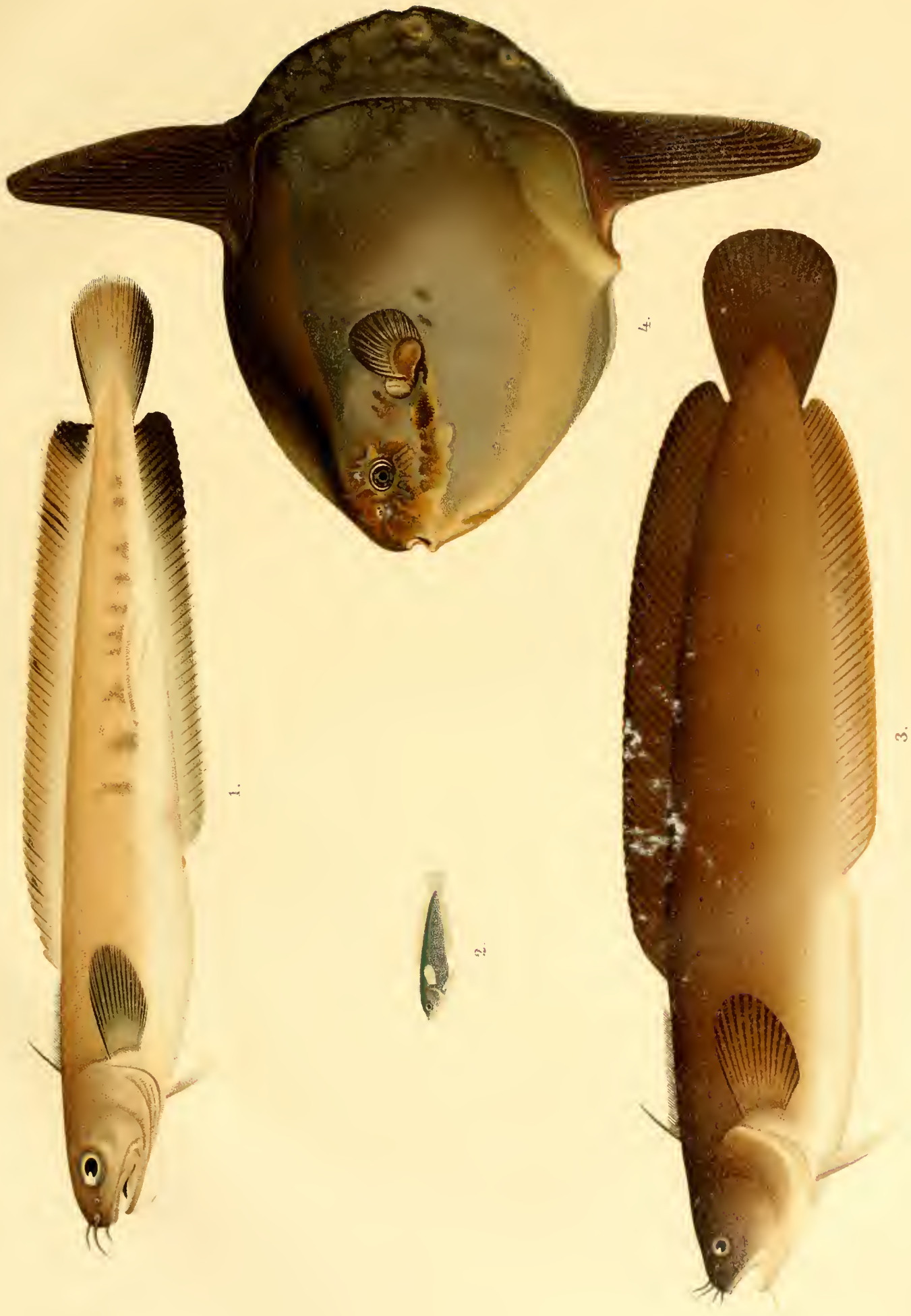




1: *Merlucius merluccius*; 2: *Phycis blennoides*; 3: *Raniceps raninus*; 4: *Brosmius brosme*.



1: *Lotta lota* 2: *Molva niphala* 3: *Molva diporxus*



1: Onos cimbrius; 2 et 3: On. mustela; 4: Orthogoriscus mola

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